<u>IN THE CLAIMS</u>

Please amend claims 1-3, 5-13, 15-20, and add new claims 21-30, as follows:

1.   (Currently Amended) In a mobile communication device, a method of selecting a wireless communication network for communication comprising the acts of:

<u>maintaining a plurality of network selection tables, each network selection table corresponding to one of a plurality of traffic classes associated with quality of service criteria and including a plurality of system identifications;</u>

causing one of a plurality of software applications on ~~a~~ <u>the</u> mobile communication device to be executed~~, each software application being associated with a corresponding one of a plurality of quality of service criteria for data communications through a wireless communication network~~;

<u>selecting one of the network selection tables associated with a traffic class of the executed software application;</u>

scanning to identify a plurality of a wireless communication networks in a coverage area of the mobile communication device; and

selecting one of the identified wireless communication networks for ~~data~~ communication based on ~~the quality of service criterion~~ <u>the selected network selection table</u> associated with the <u>traffic class of the</u> executed software application.

2.   (Currently Amended) The method of claim 1, further comprising:

~~identifying available quality of service data for each one of the plurality of wireless communication networks; and~~

~~wherein the act of selecting is based on a match between the quality of service criterion of the executed software application and the available quality of service data identified for the identified wireless communication network~~

<u>constructing the plurality of network selection tables for the plurality of traffic classes based on past network service history.</u>

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3.   (Currently Amended)   The method of claim 1, ~~wherein the executed software application comprises one of: a video player application, an audio player application, a video game application, a voice-over-IP application, an e-mail application, and an Internet data application~~ wherein the plurality of network selection tables include a preferred roaming list associated with a voice application and an additional network selection table associated with a Web browser application.

4.   (Original)   The method of claim 1, wherein the plurality of software applications comprises at least two of: a video player application, an audio player application, a video game application, a voice-over-IP application, an e-mail application, and an Internet data application.

5.   (Currently Amended)   The method of claim 1, wherein the quality of service ~~criterion~~ criteria comprises one of: ~~a bandwidth criterion,~~ a delay criterion, a delay variation criterion, and a data loss criterion.

6.   (Currently Amended)   The method of claim 1, wherein the ~~quality of service criterion comprises a bandwidth criterion~~ plurality of network selection tables are pre-programmed.

7.   (Currently Amended)   The method of claim 1, wherein the ~~plurality of~~ quality of service criteria comprises at least two of: a bandwidth criterion, a delay criterion, a delay variation criterion, and a data loss criterion.

8.   (Currently Amended)   The method of claim 1, wherein ~~the act of selecting comprises utilizing one of a plurality of network selection tables which correspond to a plurality of traffic classes of the software applications~~ the plurality of traffic classes include at least two of the following: a background traffic class, an interactive traffic class, and a streaming traffic class.

9. (Currently Amended) The method of claim 1, ~~further comprising:~~

~~identifying available quality of service data for each one of the plurality of wireless communication networks;~~

~~populating one or more data tables with the available quality of service data for the plurality of wireless communication networks; and~~

~~using the one or more data tables in the selecting of one of the identified wireless communication networks~~

wherein a preference is determined for each one of the plurality of system identifications in each network selection table based on a previous access attempt.

10. (Currently Amended) The method of claim 1, ~~further comprising:~~

~~registering with the selected wireless communication network~~

wherein a priority is determined for each one of the plurality of system identifications in each network selection table based on a previous access attempt.

11. (Currently Amended) A mobile communication device, comprising:

memory;

a plurality of software applications for storing in the memory;

a plurality of network selection tables for storing in the memory, each network selection table corresponding to one of a plurality of traffic classes associated with quality of service criteria and including a plurality of system identifications;

~~each software application being associated with a corresponding one of a plurality of quality of service criteria for data communications through a wireless communication network;~~

one or more processors;

the one or more processors being operative to:

execute one of the software applications;

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select one of the network selection tables associated with a traffic class of the executed software application;

~~.~~ scan to identify a plurality of wireless communication networks available in a coverage area of the mobile communication device; and

select one of the identified wireless communication networks for communication based on ~~the quality of service criterion~~ the selected network selection table associated with the traffic class of the executed software application.

12.   (Currently Amended) The mobile device of claim 11, wherein the one or more processors are further operative to:

~~identify available quality of service data for each one of the plurality of wireless communication networks; and~~

~~wherein the selecting is based on a match between the quality of service criterion of the executed software application and the available quality of service data identified for the identified wireless communication network~~

construct the plurality of network selection tables for the plurality of traffic classes based on past network service history.

13.   (Currently Amended)   The mobile device of claim 11, ~~wherein the executed software application comprises one of: a video player application, an audio player application, a video game application, a voice-over-IP application, an e-mail application, and an Internet data application~~ wherein the plurality of network selection tables include a preferred roaming list associated with a voice application and an additional network selection table associated with a Web browser application.

14.   (Original) The mobile device of claim 11, wherein the plurality of software applications comprises at least two of: a video player application, an audio

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player application, a video game application, a voice-over-IP application, an e-mail application, and an Internet data application.

15.   (Currently Amended) The mobile device of claim 11, wherein the quality of service ~~criterion~~ criteria comprises one of: ~~a bandwidth criterion,~~ a delay criterion, a delay variation criterion, and a data loss criterion.

16.   (Currently Amended) The mobile device of claim 11, wherein the ~~quality of service criterion comprises a bandwidth criterion~~ plurality of network selection tables are pre-programmed.

17.   (Currently Amended)   The mobile device of claim 11, wherein the ~~plurality of~~ quality of service ~~(QoS)~~ criteria comprises at least two of: a bandwidth criterion, a delay criterion, a delay variation criterion, and a data loss criterion.

18.   (Currently Amended) The mobile device of claim 11 ~~wherein, for the act of selecting, the one or more processors are further operative to utilize one of a plurality of network selection tables which correspond to a plurality of traffic classes for the software applications~~ wherein the plurality of traffic classes include at least two of the following: a background traffic class, an interactive traffic class, and a streaming traffic class

19.   (Currently Amended) The mobile device of claim 11, ~~wherein the one or more processors are further operative to:~~
        ~~identify an available quality of service for each one of the plurality of wireless communication networks;~~
        ~~populate one or more data tables in the memory with the available quality of services for the plurality of wireless communication networks; and~~

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~~use the one or more data tables in the selecting of one of the identified wireless communication networks~~

wherein a preference is determined for each one of the plurality of system identifications in each network selection table.

20. (Currently Amended) The mobile device of claim 11, ~~wherein the one or more processors are further operative to:~~

~~register with the selected wireless communication network~~

wherein a priority is determined for each one of the plurality of system identifications in each network selection table.

21. (New) A computer program product, comprising:

a computer storage medium;

computer instructions stored on the computer storage medium;

the computer instructions being for:

maintaining a plurality of network selection tables, each network selection table corresponding to one of a plurality of traffic classes associated with quality of service criteria and including a plurality of system identifications;

causing one of a plurality of software applications for a mobile communication device to be executed;

selecting one of the network selection tables associated with a traffic class of the executed software application;

scanning to identify a plurality of a wireless communication networks in a coverage area of the mobile communication device; and

selecting one of the identified wireless communication networks for communication based on the selected network selection table associated with the traffic class of the executed software application.

22. (New) The computer program product of claim 21, further comprising:

constructing the plurality of network selection tables for the plurality of traffic classes based on past network service history.

23.   (New) The computer program product of claim 21, wherein the plurality of network selection tables include a preferred roaming list associated with a voice application and an additional network selection table associated with a Web browser application.

24.   (New) The computer program product of claim 21, wherein the plurality of software applications comprises at least two of: a video player application, an audio player application, a video game application, a voice-over-IP application, an e-mail application, and a Web browser application.

25.   (New) The computer program product of claim 21, wherein the quality of service criteria comprises one of: a delay criterion, a delay variation criterion, and a data loss criterion.

26.   (New) The computer program product of claim 21, wherein the plurality of network selection tables are pre-programmed.

27.   (New) The computer program product of claim 21, wherein the quality of service criteria comprises at least two of: a bandwidth criterion, a delay criterion, a delay variation criterion, and a data loss criterion.

28.   (New) The computer program product of claim 21, wherein the plurality of traffic classes include at least two of the following: a background traffic class, an interactive traffic class, and a streaming traffic class.

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29.   (New) The computer program product of claim 21, wherein a preference is determined for each one of the plurality of system identifications in each network selection table based on a previous access attempt, and the selecting of one of the identified wireless communication networks for communication is based on an order of the determined preference.

30.   (New) The computer program product of claim 21, wherein a priority is determined for each one of the plurality of system identifications in each network selection table based on a previous access attempt, and the selecting of one of the identified wireless communication networks for communication is based on an order of the determined priority.